



VpCI®-369



PRODUCT DESCRIPTION

VpCI-369 is our best inhibitor for use as an oil additive and/or temporary coating. The protective film is self-healing and moisture-displacing, providing superior protection against aggressive environments. VpCI-369 is also excellent when used as an oil additive for mothballing, shipping, or storage of parts and equipment. In small percentages, VpCI-369 has a minimal effect on viscosities.

VpCI-369 is available prediluted with mineral spirits at the ratio 1:1 as VpCI-369 H, which is recommended for spray can applications.

FEATURES

- Self-healing
- Excellent lubricity
- Extends tool life for metalworking operations
- Excellent outdoor protection
- Excellent oil additive
- Dilutable with oil
- Meets MIL-PRF-16173E (Grade 2)
- NSN 8030-00-244-1295
- NSN 8030-00-244-1297
- NSN 8030-00-244-1298
- NSN 8030-01-149-1731

TYPICAL APPLICATIONS

- Wire rope
- Electrical connections/wiring
- Sheltered coating
- Gear protectant/lubricant
- Long-term (5+ years) equipment lay-up
- Stamping oil additive
- Drawing oil additive
- Cylinders
- Working/moving parts

PROTECTION PROPERTIES

	ASTM	DFT	Carbon Steel (1010)	Aluminum
Humidity	D-1748	2-3 mil (50-75 microns)	7000+ hr	3000+ hr
Salt Spray	B-117	2-3 mil (50-75 microns)	3500+ hr	3500+ hr

METALS PROTECTED

- Silver
- Cast Iron
- Stainless Steel
- Copper
- Magnesium
- Aluminum
- Carbon Steel

MINIMUM REQUIREMENTS FOR SURFACE PREPARATION

NACE	SSPC	ARS
4	7-63	As low as B-3

Methods for Monitoring:
Wet Film Thickness Gauge

TYPICAL PROPERTIES

Appearance	Light beige/tan viscous liquid
Film Type	Oily
Flash Point	233°F (112°C)
Shelf Life	24 months @ 75°F (24°C)
Non-volatile Content	95-99%
Theoretical Spread Rate	753-1506 ft ² /gal @ 1-2 mils (18.8-37.6 m ² /l @ 25-50 microns)
Viscosity	10,000-45,000 cps
Weight per Gallon	7.7-8.4 lb/gal (0.92-1.01 kg/l)
Temperature Resistance (Fully Cured)	-108°F to 500°F (-78°C to 260°C)



APPLICATION

Product Preparation:

Product should be mixed thoroughly and uniform prior to use.

Product Application:

Product can be applied by spray, brush, roll, or dip. Normal DFT is 1-3 mils (25-75 microns). Apply VpCI-369 in a well-ventilated area.

Air-Assisted Spray Equipment:

<u>Manufacturer</u>	<u>Gun Model</u>
Graco	AA Plus

Airless Spray Equipment:

<u>Manufacturer</u>	<u>Gun Model</u>
Graco	Model 510

Fluid hose should be 3/8" I.D. with a length of 10'. A 1/4" whip hose may be used for ease of application. Best results will be achieved by using a 0.011"-0.015" tip at 1700 psi (117 bar). The minimum fluid atomization pressure required is 1500 psi (103 bar), which gives 2-4 mils (50-100 microns) WFT/pass.

Product Cleanup:

For cleanup of tools and overspray, use alkaline cleaners such as Cortec VpCI-414 or mineral spirits

LIMITATIONS

VpCI-369 can be removed if applied in splash zones, heavy rains, or similar conditions. Parts protected with VpCI-369 should be sheltered for best results.

PACKAGING

VpCI-369 and VpCI-369 H are available in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, and VpCI-369 is also available in diluted forms.

Available as CorShield® VpCI-369 in 11 oz. (312 g) aerosol cans.

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINER TIGHTLY CLOSED

NOT FOR INTERNAL CONSUMPTION

CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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